

# WEST

## Create A Case

Select?	Database	Query	Plural	Op	Thesaurus	Set Name
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	Bipolaris	YES	ADJ		L1
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L1 and culture	YES	ADJ		L2
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L2 and ELISA	YES	ADJ		L3
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L3 and (sea or serum sample)	YES	ADJ		L4
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L3 and (sera or serum sample)	YES	ADJ		L5
<input checked="" type="checkbox"/>	USPT	4803155.pn.	YES	ADJ		L6
<input checked="" type="checkbox"/>	USPT	4845197.pn.	YES	ADJ		L7
<input checked="" type="checkbox"/>	USPT	4879217.pn.	YES	ADJ		L8
<input checked="" type="checkbox"/>	USPT	5037755.pn.	YES	ADJ		L9
<input checked="" type="checkbox"/>	USPT	4503143.pn.	YES	ADJ		L10
<input checked="" type="checkbox"/>	USPT	4798723.pn.	YES	ADJ		L11
<input checked="" type="checkbox"/>	USPT	4803155.pn.	YES	ADJ		L12
<input checked="" type="checkbox"/>	USPT	5087557.pn.	YES	ADJ		L13
<input checked="" type="checkbox"/>	USPT	5091512.pn.	YES	ADJ		L14
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	Cladosporium	YES	ADJ		L15
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L15 and ELISA	YES	ADJ		L16
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	L16 and (sera or serum sample)	YES	ADJ		L17

Please enter the case name:

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### Rules for naming Cases

- Case names can only contain alphanumeric characters including underscore (\_).
- Any other special characters or punctuation characters will be automatically removed prior to saving the case.
- All white space characters will be replaced by an underscore.

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To: STIC-ILL  
Subject: FW: In Re: 09/866,801

Message to you.

-----Original Message-----

From: Ford, Vanessa  
Sent: Friday, July 05, 2002 11:47 AM  
To: STIC-Biotech/ChemLib  
Subject: In Re: 09/866,801

Please supply the following journal articles:

Laryngoscope, October 1998, 108(10):1485-1496, first author Manning, sc.

Allergy, November 1985, 40(8):592-598, first author van der Heide, S.

Allergy, January 1986, 41(1), 57-667, first author Malling, HJ.

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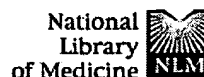
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☐ 1: Clin Exp Allergy 1993 Apr;23(4):257-60

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## Investigation of possible adverse allergic reactions to mycoprotein ('Quorn').

Tee RD, Gordon DJ, Welch JA, Newman Taylor AJ.

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Department of Occupational and Environmental Medicine, National Heart and Lung Institute, Royal Brompton Hospital, London.

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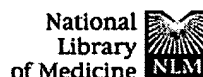
Mycoprotein ('Quorn') is a food produced for human consumption from *Fusarium graminearum*. Crossreactivity studies showed that mycoprotein shared multiple common allergenic determinants with *Aspergillus fumigatus* and *Cladosporium herbarum* and some with *Alternaria alternata*. There is, therefore, a potential for mould allergic patients to react adversely to inhaled or ingested mycoprotein. Mycoprotein RAST screening of mycoprotein production workers was made during a 2 year period. Two of the production workers had specific RAST binding  $\geq 2\%$  but none reported symptoms. Two of 10 patients referred to hospital following vomiting and diarrhoea after ingestion of mycoprotein had a mycoprotein skin-prick test weal  $\geq 2$  mm but none had a significantly raised RAST. These largely negative results are important and reassuring because consumption of the product in the U.K. is now widespread and increasing.

PMID: 8319120 [PubMed - indexed for MEDLINE]

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☐ 1: Clin Exp Allergy 1992 Apr;22(4):485-90

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## Characterization of a monoclonal antibody (P40) against the 68 kD major allergen of *Penicillium notatum*.

Shen HD, Choo KB, Chen JH, Lin WL, Chang ZN, Han SH.

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Department of Medical Research, Veterans General Hospital, Taipei, Taiwan, Republic of China.

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A monoclonal antibody (MoAb P40) against the 68 kD major allergen of *Penicillium notatum* (*P. notatum*) was obtained by immunizing the mouse with a crude extract of *P. notatum*. Analysed by two-dimensional gel electrophoresis and immunoblotting, P40 reacted with two different isoforms of the 68 kD component of *P. notatum* with pIs of 5.4 and 5.5. In addition to *P. notatum*, P40 showed positive ELISA activity to *Aspergillus fumigatus* (*A. fumigatus*) but not to components of six other fungi including *Alternaria porri*, *Cladosporium cladosporioides*, *Aureobasidium pullulans*, *Fusarium solani*, *Rhizopus arrhizus* and *Candida albicans*. Analysed by ELISA, MoAb P40 also showed positive activity to two (*P. frequentans* and *P. roseopurpureum*) of the 10 other *Penicillium* species and two (*A. terreus* and *A. flavus*) of the four other *Aspergillus* species tested. SDS-PAGE and immunoblotting studies demonstrated P40 positive reactivity to components with MW of about 67 kD in all these *Penicillium* and *Aspergillus* species with positive ELISA activity to P40. Furthermore, immunoblotting activity of MoAb P40 to the 67 kD component of *A. niger* was also observed. The epitope of the 68 kD allergen of *P. notatum* recognized by MoAb P40 was resistant to treatment of periodate oxidation with concentration of NaIO<sub>4</sub> up to 20 mM. This MoAb may thus be useful in the characterization and purification of the 68 kD allergen from crude extracts, and in the molecular cloning of allergen genes.

PMID: 1377093 [PubMed - indexed for MEDLINE]

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